

AVON, OH 44011
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

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Loctite Power Grab Construction Adhesive
01-20482

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Power Grab Construction Adhesive
Item No.: 01-20482
Product Type: Aerobic adhesive/sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Styrene-acrylate copolymer	25586-24-7	<65
Calcium carbonate	1317-65-3	25-35
Water	7732-18-5	
Acrylic acid-acrylamide copolymer	9003-06-9	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3
SILICA, QUARTZ	14808-60-7	<0.1
PROPELLANT		
1,1,1,2-Tetrafluoroethane	811-97-2	90-100
Distillates (petroleum), hydrotreated light	64742-47-8	1-10

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Calcium carbonate	10 mg/m3 TWA dust	15 mg/m3 dust 5 mg/m3 respir.	None
Water			
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust
SILICA, QUARTZ	0.05mg/m3 TWA respirable dust	0.1mg/m3 TWA respirable dust	None
PROPELLANT			
1,1,1,2-Tetrafluoroethane	None	None	1000 ppm TWA
Distillates (petroleum), hydrotreated light	None	None	300ppm
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

Water

PROPELLANT

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3. HAZARDS IDENTIFICATION

Toxicity: May cause temporary eye irritation.
Should the propellant escape from the can any liquid will cause severe eye irritation. Gaseous propellant will cause moderate eye irritation.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: Eye irritation.
Should the propellant escape from the can any liquid will cause severe eye irritation, and frost bite. Gaseous propellant will cause moderate eye irritation

Existing Conditions

Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Styrene-acrylate copolymer	NR	NO	NO	NO
Calcium carbonate	NUI	NO	NO	NO
Water	NTO			
Acrylic acid-acrylamide copolymer	NTO	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
SILICA, QUARTZ	AC2 IMM LUN SOM	YES	2A	NO
PROPELLANT				
1,1,1,2-Tetrafluoroethane	CAR CNS IRR RES SKI	NO	NO	NO
Distillates (petroleum), hydrotreated light	NTO	NO	NO	NO

Abbreviations

N/A Not Applicable	2A Probably carcinogenic to humans
AC2 ACGIH suspected human carcinogen	CAR Cardiac
CNS Central nervous system	IMM Immune system
IRR Irritant	LUN Lung
NR No Records	NTO No Target Organs
NUI Nuisance dust	RES Respiratory
SKI Skin	SOM Some evidence of carcinogenicity

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention.

Inhalation: Does not apply

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4. FIRST AID MEASURES

(continued)

Skin Contact: Wash with soap and water before product hardens.
Obtain medical attention if ill effects occur.
Eye Contact: Flush at least 15 minutes with water. Obtain
medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: >200 degrees F
Recommended
Extinguishing Agents: Carbon dioxide
Special Firefighting
Procedures: Keep containers cool with water spray.
Hazardous Products formed
by Fire or Thermal Decomp Irritating organic vapors. The dry product will
burn evolving dense sooty smoke in common with
many household materials.
Unusual Fire or
Explosion Hazards: Heating will cause internal pressure to rise and
could burst the aerosol pack. Bursting aerosol
packs can be forcibly projected from a fire.
Explosive Limits:
(% by volume in air) Lower Not available
(% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Soak up with an inert absorbent. Store in partly
filled, closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store in dry conditions and protect from frost and
temperatures above 86°F. Protect from sunlight.
Do not pierce or burn container even if apparently
empty. Keep out of the reach of children.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged skin contact. Keep away from eyes.
Do not pierce or burn container even if apparently
empty. Keep out of the reach of children.
Use only in accordance with instructions printed
on the container. Do not use near naked flame or
any incandescent materials. Do not smoke while
using. Use in well ventilated areas.

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Does not apply
Respiratory: Not normally required.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous White Liquid Emulsion
Odor: N/A
Boiling Point: N/A
pH: 8-9
Solubility in Water: Emulsifiable
Specific Gravity: 1.23-1.35
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Oxidizing and corrosive materials.
Conditions to Avoid: None known
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Do not puncture or incinerate container.
Use a disposal service equipped to handle
pressurized containers.

EPA Hazardous Waste
Number F002

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14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity

Hazard Class or

Division: ORM-D

Identification Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Aerosols, nonflammable

Class or Division: 2.2

UN or ID Number: 1950

15. REGULATORY INFORMATION

CA Proposition 65: No California Proposition 65 chemicals are known
to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
Flammability Hazard: 0
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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